

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to PCT International Applications)	ATTORNEY'S DOCKET NUMBER 201487/1190 (A3-A0406P-US)		
As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: <div style="text-align: center;"> <u>METHODS FOR PRODUCING MICROCHANNEL CHIPS, MICROCHANNEL CHIPS, METHODS FOR SEPARATING BIOMOLECULES USING THE MICROCHANNEL CHIPS, AND ELECTROPHORETIC APPARATUS HAVING THE MICROCHANNEL CHIPS</u> </div> the specification of which (check only one item below): <div style="margin-left: 20px;"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable). <input checked="" type="checkbox"/> was filed as PCT International Application No. PCT/JP2005/003604 on March 3, 2005 and was assigned U.S. Serial No. 10/591,335 </div> I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a). I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:			
PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:			
COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
JAPAN	2004-060215 JP	04 March 2004	[X] YES [] NO
			[] YES [] NO
			[] YES [] NO
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:			
PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:			
U.S. APPLICATIONS			STATUS (Check One)
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING
PCT APPLICATIONS DESIGNATING THE U.S.			
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)	
PCT/JP2005/003604	03 March 2005	10/591,335	X

**COMBINED DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY (Continue)**

**ATTORNEY'S DOCKET NUMBER
201487/1190 (A3-A0406P-US)**

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **26774**

Send Correspondence to: **26774**

Direct Telephone Calls to:
(name and telephone number)
Michael L. Goldman
(585) 263-1304

2 0 1	FULL NAME OF INVENTOR	FAMILY NAME YOKOYAMA	FIRST GIVEN NAME Kenji	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	P.O. ADDRESS c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, Higashi 1-1-1, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/CTRY 305-8562 JAPAN
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME KOIDE	FIRST GIVEN NAME Satoshi	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	P.O. ADDRESS c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, Higashi 1-1-1, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/CTRY 305-8562 JAPAN
2 0 3	FULL NAME OF INVENTOR	FAMILY NAME SAKAIRI	FIRST GIVEN NAME Koji	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	P.O. ADDRESS c/o Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku	CITY Tokyo	STATE & ZIP CODE/CTRY 110-8560 JAPAN
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME YANO	FIRST GIVEN NAME Kazuyoshi	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	P.O. ADDRESS 1-12-6, Kitazawa, Setagaya-ku	CITY Tokyo	STATE & ZIP CODE/CTRY 155-0031 JAPAN
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME KARUBE	FIRST GIVEN NAME Isao	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Kanagawa	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	P.O. ADDRESS 2-54-10, Utsukushigaoka, Aoba-ku, Yokohama-shi	CITY Kanagawa	STATE & ZIP CODE/CTRY 225-0002 JAPAN

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)		ATTORNEY'S DOCKET NUMBER 201487/1190 (A3-A0406P-US)
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.		
SIGNATURE OF INVENTOR 201 <i>K. Ghoshana</i>	SIGNATURE OF INVENTOR 202 <i>L. Koide</i>	SIGNATURE OF INVENTOR 203
DATE <i>May 29, 2007</i>	DATE <i>May 29, 2007</i>	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

Page 3 of 3

COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
201487/1190 (A3-A0406P-US)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PRODUCING MICROCHANNEL CHIPS, MICROCHANNEL CHIPS, METHODS
FOR SEPARATING BIOMOLECULES USING THE MICROCHANNEL CHIPS, AND ELECTROPHORETIC
APPARATUS HAVING THE MICROCHANNEL CHIPS**

the specification of which (check only one item below):

- ☐ is attached hereto.
- ☐ was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).
- ☒ was filed as PCT International Application No. **PCT/JP2005/003604** on **March 3, 2005** and was assigned U.S. Serial No. **10/591,335**

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
JAPAN	2004-060215 JP	04 March 2004	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check One)			
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
PCT/JP2005/003604	03 March 2005	10/591,335		X	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)				ATTORNEY'S DOCKET NUMBER 201487/1190 (A3-A0406P-US)	
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. 26774					
Send Correspondence to: 26774				Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (585) 263-1304	
2 0 1	FULL NAME OF INVENTOR	FAMILY NAME YOKOYAMA	FIRST GIVEN NAME Kenji	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, Higashi 1-1-1, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/CTRY 305-8562 JAPAN	
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME KOIDE	FIRST GIVEN NAME Satoshi	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, Higashi 1-1-1, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/CTRY 305-8562 JAPAN	
2 0 3	FULL NAME OF INVENTOR	FAMILY NAME SAKAIRI	FIRST GIVEN NAME Koji	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku	CITY Tokyo	STATE & ZIP CODE/CTRY 110-8560 JAPAN	
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME YANO	FIRST GIVEN NAME Kazuyoshi	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS 1-12-6, Kitazawa, Setagaya-ku	CITY Tokyo	STATE & ZIP CODE/CTRY 155-0031 JAPAN	
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME KARUBE	FIRST GIVEN NAME Isao	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Kanagawa	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS 2-54-10, Utsukushigaoka, Aoba-ku, Yokohama-shi	CITY Kanagawa	STATE & ZIP CODE/CTRY 225-0002 JAPAN	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)		ATTORNEY'S DOCKET NUMBER 201487/1190 (A3-A0406P-US)
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.		
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 <i>Koji Sakairi</i>
DATE	DATE	DATE <i>May 29, 2007</i>
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

Page 3 of 3

COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
201487/1190 (A3-A0406P-US)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PRODUCING MICROCHANNEL CHIPS, MICROCHANNEL CHIPS, METHODS
FOR SEPARATING BIOMOLECULES USING THE MICROCHANNEL CHIPS, AND ELECTROPHORETIC
APPARATUS HAVING THE MICROCHANNEL CHIPS**

the specification of which (check only one item below):

- ☐ is attached hereto.
- ☐ was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).
- ☒ was filed as PCT International Application No. **PCT/JP2005/003604** on **March 3, 2005** and was assigned U.S. Serial No. **10/591,335**

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
JAPAN	2004-060215 JP	04 March 2004	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:



PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check One)			
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
PCT/JP2005/003604	03 March 2005	10/591,335		X	

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)				ATTORNEY'S DOCKET NUMBER 201487/1190 (A3-A0406P-US)	
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. 26774					
Send Correspondence to: 26774				Direct Telephone Calls to: (name and telephone number) Michael L. Goldman (585) 263-1304	
2 0 1	FULL NAME OF INVENTOR	FAMILY NAME YOKOYAMA	FIRST GIVEN NAME Kenji	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, Higashi 1-1-1, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/CTRY 305-8562 JAPAN	
2 0 2	FULL NAME OF INVENTOR	FAMILY NAME KOIDE	FIRST GIVEN NAME Satoshi	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 4, Higashi 1-1-1, Tsukuba-shi	CITY Ibaraki	STATE & ZIP CODE/CTRY 305-8562 JAPAN	
2 0 3	FULL NAME OF INVENTOR	FAMILY NAME SAKAIRI	FIRST GIVEN NAME Koji	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS c/o Toppan Printing Co., Ltd., 5-1, Taito 1-chome, Taito-ku	CITY Tokyo	STATE & ZIP CODE/CTRY 110-8560 JAPAN	
2 0 4	FULL NAME OF INVENTOR	FAMILY NAME YANO	FIRST GIVEN NAME Kazuyoshi	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS 1-12-6, Kitazawa, Setagaya-ku K.Y.	CITY Tokyo	STATE & ZIP CODE/CTRY 155-0031 K.Y. JAPAN	
2 0 5	FULL NAME OF INVENTOR	FAMILY NAME KARUBE	FIRST GIVEN NAME Isao	SECOND GIVEN NAME	
	RESIDENCE & CITIZENSHIP	CITY Kanagawa	STATE/FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan	
	POST OFFICE ADDRESS	P.O. ADDRESS 2-54-10, Utsukushigaoka, Aoba-ku, Yokohama-shi	CITY Kanagawa	STATE & ZIP CODE/CTRY 225-0002 JAPAN	

2-25-13-702,
Nishihara, Shibuya-ku

151-0066

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Continue)		ATTORNEY'S DOCKET NUMBER 201487/1190 (A3-A0406P-US)
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.		
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204 	SIGNATURE OF INVENTOR 205 	SIGNATURE OF INVENTOR 206
DATE May 23, 2007	DATE May 16, 2007	DATE

Page 3 of 3